Depth 6	Contents 7	Reference to last Measurement 8
bdoor	Road works is	
orily		
	By JE W/O 20/10/13	
13.		
e Engineer, Division, B.B.M.P., e.		
1 Qq	Q-12-2013 Date	
739		
	AC (Finance) BYZ, BBMP Bangalore-93	

BR-33 / 20-12-13

M.A.R. 57 (Rule 116)

Measurement Book

No. A/10 192936

Serial No. 1st and final Recorded on 27/12/13

Name of work. Improvements and Asphalting Roads and Drains at Detave From To

Name of Contractor of nature of Agency. Enclose Manjunathalay is waived no 7

Date of commencement of work. Kodigenahalli Sub division

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Est Cost: Rs 5.00 lakhs						
	Job Code: 007-12-000080. pcode.						
	As NO: JCly) As/546/12-13. Dt 10/9/12						
	TS NO: EE/BTP/TS/213/12-13 Dt 10/9/12						
	Agency: Chandranaik. R.						
	Ag NO: EE/BTP/Ag/352/12-13						
	Work order NO: EE/BTP/E-P/361/12-13.						
(1).	E.W-Excavation by Manual Means in 0.80 it is taking an Avg Horizontal through up to 2m and an Avg lift upto 0.5m						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Excavated surface levelled and sides neatly dressed to disposal earth to be levelled neatly after breaking clods complete as per spec.						
	Qty Recorded in this MB vide P.No. 19298/						
	Qty = 220.0 cmt limited to 20 70 cmt						
	@ Rs 61.22/cmt					Rs	1267=00
2)	Removing B.S. Slab & Drains and stacking						
	Qty Recorded in this M.B vide P.No 19298/						
	Qty = 756.0 Sqmt limited to 690.00 Sqmt						
	@ Rs 46.68/Sqmt					Rs	32,209=00
3)	Refixing stone slab & drains and pointing in CM 1:3.						
	M. palya M. Road L Slope	2	220.0	0.90	~~396~~	396.064	
	Side	2	42.0	0.90	—	75.60	
		2	39.0	0.90	—	70.20	
					Totally	541.86	

M.A.R. 5

Measu

Serial No.....

Name of work.....From

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number
1	2	3
	Qty limited to 463.0 Sqmt	
4)	providing laying Spreading and gate to wet Mix Macadam specified Materials with water at OMC in Mechanical & Tipper to Site laying on surface and Compacting with desired density complete as per	
	M. palya Main Road	1 —
		1 —

Depth 6	Contents 7	Reference to last Measurement 8
essed the disposed		
alete as per Spec.		
37		
	Rs 1267=00	
81		
ent		
	Rs 32,209=00	
is CM 1:3.		
396	396.00	
—	75.60	
—	70.20	
Totally	541.80	

M.A.R. 57 (Rule 116)

Measurement Book

No. A/10 192937

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Qty limited to 483.0 Sqmt		@Rs 66.14/Sqmt			Rs 31,945=00	
4)	providing laying Spreading and compacting grade stone aggregate to wet Mix Macadam specification including pre mixed the materials with water at one in mechanical Mix plant carriage mixed of Tipper to site laying uniform layer well compacted and surface and compacting with vibrator Roller at achieve the desired density complete as per specification						
	M. palya Main Road	1 —	30.0	$\frac{5.3+4.80}{2}$	0.20	30.30 Cmt	
		1 —	30.0	$\frac{4.8+4.20}{2}$	0.20	26.70	
						57.0	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	30.0	$\frac{4.1+4.30}{2}$	0.20	25.20 cub	
		1	30.0	$\frac{4.3+5.40}{2}$	0.20	29.10	
		1	30.0	$\frac{5.40+5.70}{2}$	0.18	24.97	
		1	30.0	$\frac{5.70+6.0}{2}$	0.15	26.32	
		1	30.0	$\frac{6.0+4.8}{2}$	0.15	24.30	
		1	10.0	$\frac{4.8+6.4}{2}$	0.15	8.40	
	Entrees	1	30.0	6.0	0.20	36.0	
		1	30.0	6.0	0.20	2.40	
				Totally		233.664	
	Qty limited to 114.30 cu						

carpet
24/3/13

Serial No.....

Name of work.....

Name of Contractor of nature of Agency...

Date of commencement of work.....

Date	Full description, etc, of work
1	2
	@
5)	providing applying pri
	& prepared surface o
	& the Road surface cu
	1cg/sqm using Mechan
	E.W. Mpalya

Depth 6	Contents 7	Reference to last Measurement 8
0.20	25.20 Cub.	
0.20	29.10	
0.18	24.97	
0.15	26.32	
0.15	24.30	
0.15	8.40	
0.20	36.0	
0.20	2.40	
ully	233.664	

carr. c.

24/3/13

M.A.R. 57 (Rule 116)

Measurement Book

No. A/10 192938

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	@ Rs	1112.24/cwt				Rs	130466=00
5)	providing applying primer coat with Bituminous Emulsion & prepared surface & Granular Sub base including clearing & the Road surface and spraying primer at the Rate of 0.6 kg/sqm using Mechanical Means Complete as per Specification E.W. Mpalya	1	30.0	$\frac{5.30+4.80}{2}$	-	151.50 Sqm	
		1	30.0	$\frac{4.80+4.1}{2}$	-	133.50	
		1	30.0	$\frac{4.10+4.30}{2}$	-	126.00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	30.0	$\frac{4.3+5.40}{2}$	–	145.50 Sqm	
		1	30.0	$\frac{5.40+5.70}{2}$	–	166.50	
		1	30.0	$\frac{5.70+6.0}{2}$	–	175.50	
		1	30.0	$\frac{6.0+4.80}{2}$	–	162.0	
		1	30.0	$\frac{4.8+6.40}{2}$	–	56.00	
	Entrance	1	30.0	6.0	–	180.0	
		1	20.0	6.0	–	120.0	
						1416.50 Sqm	
						Totally	
	Qty limited to 1170.0 Sqm						
	@ Rs 41.61/Sqm					Rs	48,808=00
6)	providing and laying SDBC 25mm thick with 100/200 TPH batch type HMP producing an Avg output of 75						

Cope Dog

Serial No.....

Name of work.....

Name of Contractor of nature of Agency

Date of commencement of work.....

Date	Full description, etc, of work
1	2
	Tons/hr at 4.5 to 5% Mix plant Rolling Roller to achive the complete Main Road M. Rajs

Depth 6	Contents 7	Reference to last Measurement 8
–	145.50 Sq	
–	166.50	
–	175.50	
–	162.0	
–	56.00	
–	180.0	
–	120.0	
	1416.50 Sq	
	Rs	48,808=00

M.A.R. 57 (Rule 116)

Measurement Book

No. A/10 192939

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Tack/Tar at 4.5 to 5% of Mix and Filler Transporting the hot Mix plant Rolling with smooth wheeled vibratory and Tandom Roller to achive the desired Compaction as per Specifications etc complete Main Road M. Rajs						
		1	30.0	$\frac{5.3+4.80}{2}$	0.025	3.78	
		1	30.0	$\frac{4.80+4.10}{2}$	0.025	3.33	
		1	30.0	$\frac{4.14+4.30}{2}$	0.025	3.15	
		1	30.0	$\frac{4.3+5.60}{2}$	0.025	3.63	
		1	30.0	$\frac{5.40+5.70}{2}$	0.025	4.16	

Sp 3000

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	30.0	$\frac{5.70+4.80}{2}$	0.025	4.05 cmt	
		1	30.0	$\frac{6.80+6.40}{2}$	0.025	1.40	
		1	30.0	$\frac{6.0+4.80}{2}$	0.025	4.05	C&U
		1	30.0	6.0	0.025	4.50	
		1	30.0	6.0	0.025	3.00	
					Totally	35.41 cmt	27/12/2013
	Qty limited to 29.33 cmt						
	@ Rs 9439.80/cmt					Rs	276872=00
7)	Lead Disposal of Debris shall be payable at Carriage Rate by Mechanical Means including loading and unloading from 0 to 5 KMs						

Serial No.....

Name of work.....

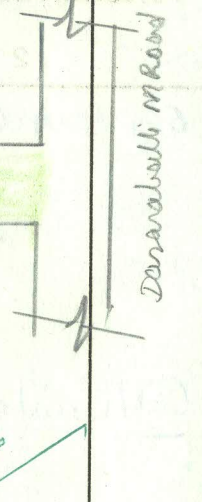
Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Num
1	2	3
	Qty Recorded in this M	
	Qty = 220.0	
	Certificate: Certified th	
	No debris	
	limit	

Depth 6	Contents 7	Reference to last Measurement 8
0.025	4.05 cuft	
0.025	1.40	
0.025	4.05	C&U
0.025	4.50	
0.025	3.00	
lly	35.41 cuft	27/12/2013
		M.B. (192940)
	Rs	276872=00

Depth 6	Contents 7	Reference to last Measurement 8
		N A



A.E.E/J.E 27/4/15

M.A.R. 57 (Rule 116)

Measurement Book

No. A/10 192941

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	523320=00 40808=00 WM 2512=00			IT - 5233- VAT - 20733- FSD 28783- Cess 5233- CSF - 523- Roy - 17103- Fire 3000- Total 80808=00			